

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	sttd with ((multi adj2 beam) and (channel with (state or impulse or characteristic\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/02 11:57
L2	1	sttd with (multi adj2 beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/02 11:57
L3	6	sttd with (channel with (state or impulse or characteristic\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/02 11:59
L4	1	455/69.ccls. and sttd with (channel with (state or impulse or characteristic\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/02 12:00
L5	1472	455/69.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/02 12:00
L6	561	455/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/02 12:00
L7	3	6 and sttd with (channel with (state or impulse or characteristic\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/02 12:01
L8	14	"6697643".pn. "6400780".pn. "6307882".pn. "6317466".pn. "6621877".pn. "6477161".pn. "6232927".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/02 12:05
L9	2	"6298035".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/02 12:05

L10	8	(US-6697643-\$ or US-6621877-\$ or US-6477161-\$ or US-6400780-\$ or US-6317466-\$ or US-6307882-\$ or US-6232927-\$ or US-6298035-\$).did.	USPAT	OR	OFF	2005/10/02 12:09
L11	4	10 and beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/02 13:13
L12	66	reconstruct\$3 with (channel adj2 (state or impulse or characteristic\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/02 13:13
L13	20	12 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 13:42
L14	8	diversity adj antenna\$1 with (orthogonal\$3 adj2 polarized)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 13:42
L15	3	14 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 15:10
L16	2	"6307882".pn. "6400780".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 13:44
L17	0	16 and polarized	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 13:45
L18	2	16 and diversity	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 14:23
L19	0	18 and ortogonal	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 13:45
L20	1	18 and orthogonal	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 13:47
L21	65	polarized adj antenna\$2 with wavelength	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 13:47
L22	10870840	21and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 13:47
L23	48	21 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 14:23

L24	6	23 and diversity	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 13:48
L25	14	angular adj power adj spectrum	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 14:23
L26	6	25 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 14:32
L27	1	26 and (sttd or diversity)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 14:28
L28	1	26 and peaks	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 14:28
L29	0	diverity adj antenna\$1 with (wavelength and (least adj attenuated))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 14:31
L30	0	diversity adj antenna\$1 with (wavelength and (least adj attenuated))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 14:31
L31	0	diversity adj antenna\$1 with ((least adj attenuated))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 14:32
L32	4	diversity adj antenna\$1 and ((least adj attenuated))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 14:32
L33	2	32 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 14:38
L34	3	space adj2 time with (signature or pn) adj code\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 14:37
L35	0	ortogonal with (composite adj signal\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 14:38
L36	137	orthogonal with (composite adj signal\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 14:38
L37	91	36 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 14:38
L38	45	37 and receive\$3 adj2 (composite or combined)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 14:39
L39	11	38 and diversity	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 15:08

L40	2	"6400780".pn. "6307882".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 15:08
L41	0	40 and amplitude and phae	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 15:09
L42	0	40 and amplitude and phase	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 15:09
L43	82	channel adj (response or characteristic\$1 or state) and weight with (phase and amplitude)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 15:10
L44	19	43 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 15:41
L45	8	44 and (sttd or diversity)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 15:40
L46	47	correction adj phase adj angle	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 15:41
L47	35	46 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 15:43
L48	3	47 and adjust\$3 with (composite or combin\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 15:42
S1	683	((space adj2 time) adj2 (encod\$3 or cod\$3)) or sttd	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/06/04 10:59
S2	269	S1 and transmit adj diversity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/06/04 10:59
S3	19583	S2 and (channel near information) (impulse adj response)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/06/04 11:00
S4	110	S2 and ((channel near information) (impulse adj response))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/06/04 11:00
S5	11	S4 and @ad<="20000602"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/06/04 11:01

S6	2	"5613219".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/12 13:44
S7	1	(multi adj2 beam adj antenna adj array\$1) and variable adj delay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/01/28 09:16
S8	0	"375"/.ccls. and multi adj2 beam adj antenna adj array\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/01/28 09:18
S9	49049	"375"/.ccls. "5613219".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/01/28 09:18
S10	49047	"375"/.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/01/28 09:21
S11	29	multi adj2 beam adj antenna adj array\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/01/28 09:21
S12	605	"375"/.ccls. and space adj2 time	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/01/28 09:21
S13	93	("375"/.ccls. and space adj2 time) and antenna adj diversity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/01/28 09:25
S14	19	((("375"/.ccls. and space adj2 time) and antenna adj diversity) and impulse adj response	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/01/28 09:24
S15	0	("375"/.ccls. and space adj2 time) and complex adj channel near information	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/01/28 09:25
S16	0	("375"/.ccls. and space adj2 time) and complex adj channel near information	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/01/28 09:25
S17	21	("375"/.ccls. and space adj2 time) and (complex adj channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/01/28 09:26

S18	11	"5870444".pn. "5940467".pn. "4879731".pn. "5568486".pn. "6212174".pn. "5799010".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/06/03 15:47
S19	6	(US-6212174-\$ or US-5940467-\$ or US-5870444-\$ or US-5799010-\$ or US-5568486-\$ or US-4879731-\$).did.	USPAT	OR	OFF	2004/06/03 16:49
S20	3	(space adj2 time adj (coding or encoding)) and (closed adj2 loop)	USPAT	OR	OFF	2004/06/03 17:03
S21	3	((space adj2 time) adj (coding or encoding)) and (closed adj2 loop)	USPAT	OR	OFF	2004/06/03 17:09
S22	2	((space adj2 time) adj (coding or encoding)) and (closed adj2 loop)) and @ad<="20000602"	USPAT	OR	OFF	2004/06/03 16:55
S23	1	(transmit adj diversity) with (space adj2 time adj (coding or encoding)) and (closed adj2 loop)	USPAT	OR	OFF	2004/06/03 16:59
S24	2	(transmit adj diversity) and (space adj2 time adj (coding or encoding)) and (closed adj2 loop)	USPAT	OR	OFF	2004/06/03 17:00
S25	2	("5634199" "6131016").PN.	USPAT	OR	OFF	2004/06/03 17:00
S26	14	("4613990" "5134630" "5228062" "5459873" "5551070" "5628052" "5642353" "5678213" "5724666" "5787122" "5828658" "5884171" "5933454" "6005876").PN.	USPAT	OR	OFF	2004/06/03 17:06
S27	24	((space adj2 time) adj (coding or encoding)) and (transmit adj2 diversity)	USPAT	OR	OFF	2004/06/03 17:09
S28	17	((space adj2 time) adj (coding or encoding)) and (transmit adj2 diversity)) and @ad<="20000602"	USPAT	OR	OFF	2004/06/03 17:12
S29	0	((space adj2 time) adj (coding or encoding)) and (transmit adj2 diversity)) and @ad<="20000602") and adjust\$3 adj2 (phase or amplitude)	USPAT	OR	OFF	2004/06/03 17:31
S30	0	((space adj2 time) adj (coding or encoding)) and (transmit adj2 diversity)) and @ad<="20000602") and adjust\$3 near (phase or amplitude)	USPAT	OR	OFF	2004/06/03 17:13
S31	2	((space adj2 time) adj (coding or encoding)) and (transmit adj2 diversity)) and @ad<="20000602") and power adj control	USPAT	OR	OFF	2004/06/03 17:14

S32	1	(((((space adj2 time) adj (coding or encoding)) and (transmit adj2 diversity)) and @ad<="20000602") and impulse adj response	USPAT	OR	OFF	2004/06/03 17:31
S33	44	(space adj2 time) adj cod\$3 adj signal\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/12 13:45
S34	192026	determin\$3 with ((impulse adj response) or (characteristic\$1) or (channel adj state))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/12 13:47
S35	3	S33 and determin\$3 with ((impulse adj response) or (characteristic\$1) or (channel adj state))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/12 15:24
S36	1	S35 and @ad<="20000602"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/12 13:48
S37	13	("4596986" "5576717" "5724666" "5893033" "6108323" "6108565" "6127971" "6167286" "6188736" "6205337" "6353638" "6421543" "6449484").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/12 15:17
S38	24	S33 and determin\$3 withphase adj bit\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/12 15:24
S39	0	S33 and determin\$3 with (phase adj bit\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/12 15:25
S40	2	"6067290".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/12 15:27
S41	9	98/09381	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/12 15:28
S42	13	("4596986" "5576717" "5724666" "5893033" "6108323" "6108565" "6127971" "6167286" "6188736" "6205337" "6353638" "6421543" "6449484").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/12 17:51

S43	0	S42 and (comput\$3 or determin\$3) with ((impulse adj response\$1) or (channel adj characteristic\$1) or attenuation)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/12 17:52
S44	266	(space adj2 time) and (comput\$3 or determin\$3) with ((impulse adj response\$1) or (channel adj characteristic\$1) or attenuation)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/12 17:53
S45	14	S44 and send\$3 with ((impulse adj response\$1) or (channel adj characteristic\$1) or attenuation)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/12 17:53
S46	3	S45 and @ad<="20000602"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/12 17:54
S47	266	(space adj2 time) and (comput\$3 or determin\$3) with ((impulse adj response\$1) or (channel adj characteristic\$1) or attenuation)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 08:46
S48	14	S47 and send\$3 with ((impulse adj response\$1) or (channel adj characteristic\$1) or attenuation)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 08:46
S49	3	S48 and @ad<="20000602"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 08:47
S50	69	space adj time and ((channel adj estimat\$3) or (impulse adj response) or (estimat\$3 with (channel adj characteristic\$1))) with feedback	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 08:52
S51	6	S50 and @ad<="20000602"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 12:58
S52	0	S51 and multi adj2 beam\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 09:54
S53	443	455/101.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 13:03
S54	23	S53 and weight\$1 with (phase and amplitude)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 13:03
S55	0	S54 and @ad,="20000602"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 13:00
S56	1	S54 and @ad<="20000602"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 13:04

S57	495	455/103.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 13:03
S58	0	S53 and weight\$1 with ((phase adj angle) and amplitude)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 13:03
S59	0	S57 and weight\$1 with ((phase adj angle) and amplitude)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 13:03
S60	8	S57 and weight\$1 with (phase and amplitude)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 13:03
S61	3	S60 and @ad<="20000602"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 14:39
S62	1	"6788661".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 14:39
S63	0	S62 and segmant\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 14:39
S64	1	S62 and segment\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 14:39
S65	69	space adj time and ((channel adj estimat\$3) or (impulse adj response) or (estimat\$3 with (channel adj characteristic\$1))) with feedback	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/01 12:28
S66	5	S65 and ((channel adj estimat\$3) or (impulse adj response) or (estimat\$3 with (channel adj characteristic\$1))) with (time adj2 slot\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 14:43
S67	0	S66 and @ad<="20000602"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 14:41
S68	6	S65 and ((channel adj estimat\$3) or (impulse adj response) or (estimat\$3 with (channel adj characteristic\$1))) with ((time adj2 slot\$1) or segment\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 14:59
S69	6	space adj2 time with (multi adj2 beam)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 15:01
S70	1	S69 and @ad<="20000602"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 14:59

S71	0	space adj2 time with (orthogonally adj polarized)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 15:01
S72	1	space adj2 time with (orthogonally adj polarized)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 15:02
S73	72	space adj2 time and (orthogonally adj polarized)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 15:05
S74	25	S73 and @ad<="20000602"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 15:02
S75	0	S74 and spatially with wavelength	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 15:03
S76	23	S74 and wavelength	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 15:03
S77	6	S74 and separat\$3 with wavelength	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 15:09
S78	587	space adj2 time and (beam adj2 form\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 15:06
S79	270	S78 and @ad<="20000602"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 15:06
S80	11	S79 and transmit with (first adj2beam)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 15:07
S81	2	S79 and transmit with (first adj2 beam)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 16:06
S82	1	"6067290".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/15 16:06
S83	91	receiv\$3 with (space adj2 time) and determin\$3 with ((impulse adj response) or (channel adj state) (channel adj characteristic\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/23 10:41
S84	8	S83 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/23 10:42
S85	397	(space adj2 time) and receiv\$3 with ((impulse adj response) or (channel adj state) (channel adj characteristic\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 11:50

S86	414	(space adj2 time) and receive\$3 with ((impulse adj response) or (channel adj state) (channel adj characteristic\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/23 12:55
S87	62	S86 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/23 12:57
S88	57	S87 and (segment\$3 or block\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/23 10:43
S89	57	S87 and (segment\$3 or block\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/23 10:44
S90	0	S89 and multi adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/23 10:44
S91	0	S89 and multi adj2 beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/23 10:44
S92	32	S89 and array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/23 10:44
S93	6	(US-4879731-\$ or US-5568486-\$ or US-5799010-\$ or US-5870444-\$ or US-5940467-\$ or US-6212174-\$).did.	USPAT	OR	OFF	2005/09/23 10:45
S94	3	(US-6615024-\$ or US-6377631-\$ or US-6317466-\$).did.	USPAT	OR	OFF	2005/09/23 12:54
S95	3	"6317466".pn. "6477161".pn. "6307882".pn.	USPAT	OR	OFF	2005/09/23 12:55
S96	2263	(segment or block\$1 or slot\$1) with ((impulse adj response) or (channel adj state) (channel adj characteristic\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/23 12:56
S97	2255	(segment or block\$1 or slot\$1) with ((impulse adj response) or (channel adj state) (channel adj characteristic\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/23 13:03

S98	2	S95 and (segment or block\$1 or slot\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/23 12:56
S99	284	(slot\$1) with ((impulse adj response) or (channel adj state) (channel adj characteristic\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/23 12:57
S10 0	133	S99 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/23 13:00
S10 1	3	S100 and (space adj2 time)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/23 13:00
S10 2	1404	power adj control with slot\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/23 12:59
S10 3	465	S102 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/23 13:03
S10 4	4	S103 and (space adj2 time)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/23 13:03
S10 5	1033	updat\$3 with ((impulse adj response) or (channel adj state) (channel adj characteristic\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/25 11:13
S10 6	466	S105 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/23 13:08
S10 7	9	S106 and (space adj2 time)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/23 13:07
S10 8	13	channel adj state with (slot\$1 and bit\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/23 13:11
S10 9	6	S108 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 11:14
S11 0	3	transmitt\$3 with channel adj state with (slot\$1 and bit\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/23 13:14
S11 1	2	channel adj state adj information with segment\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/23 13:21

S11 2	36	channel adj state adj information with sequence	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/23 13:21
S11 3	15	S112 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/02 13:14
S11 4	2	"6708020".pn. "6512917".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 11:09
S11 5	285	((impulse adj response) or (channel adj state) (channel adj characteristic\$1)) with slot\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/25 11:13
S11 6	2	S114 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 11:14
S11 7	133	S115 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 11:52
S11 8	2	S117 and phase with it\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 11:14
S11 9	26	S117 and phase with bit\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 11:40
S12 0	3	"6621877".pn. "6307882".pn. "6317466".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 11:41
S12 1	0	S120 and multi adj2 beam\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 11:42
S12 2	0	S120 and beam\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 11:42
S12 3	106	multi adj2 beam with (antenna\$2 adj array\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 12:02
S12 4	44	S123 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 11:50
S12 5	0	S124 and receiv\$3 with ((impulse adj response) or (channel adj state) (channel adj characteristic\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 12:15
S12 6	9	S124 and ((impulse adj response) or (channel adj state) (channel adj characteristic\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 11:53

S12 7	40	space adj2 time with (beam adj2 forming)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 12:08
S12 8	7	S127 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/01 12:31
S12 9	2	S128 and ((impulse adj response) or (channel adj state) (channel adj characteristic\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 11:53
S13 0	5	S123 and transmitting with code	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 12:03
S13 1	10870746	17and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 12:04
S13 2	1	S130 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 12:09
S13 3	0	S127 and orthogonal\$3 with polar	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 12:09
S13 4	4	S123 and orthogonal\$3 with polar	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 12:11
S13 5	0	S134 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 12:09
S13 6	0	space adj2 time with (diversity and (orthogonal\$3 with polar))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 12:12
S13 7	2	space adj2 time and (diversity and (orthogonal\$3 with polar))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 12:12
S13 8	6	("5691727" "6067053" "6144711" "6211841" "6317098" "6697643").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 12:13
S13 9	24542	S138 ((impulse adj response) or (channel adj state) (channel adj characteristic\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 12:15
S14 0	1	S138 and ((impulse adj response) or (channel adj state) (channel adj characteristic\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 12:19
S14 1	0	(least and most) with antenuated adj signal\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 12:20
S14 2	0	(least and most) with antenuated adj signal\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 12:20

S14 3	7	(least and most) with attenuated adj signal\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/25 12:20
S14 4	0	channel adj impluse adj response with (antenna adj diversity)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/01 11:25
S14 5	0	channel adj impluse adj response with (antenna adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/01 11:25
S14 6	3	((channel adj impluse adj response) (channel adj characteristic\$1)) with (antenna adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/01 11:27
S14 7	234	((channel adj impluse adj response) (channel adj characteristic\$1)) and(antenna adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/01 11:27
S14 8	234	((channel adj impluse adj response) (channel adj characteristic\$1)) and (antenna adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/01 11:27
S14 9	71	S148 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/01 11:50
S15 0	38	S149 and weight\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/01 11:32
S15 1	4	(US-6219561-\$ or US-6317466-\$ or US-6377631-\$ or US-6615024-\$).did.	USPAT	OR	OFF	2005/10/01 11:33
S15 2	79	weight\$3 with (first and second) adj antenna\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 11:50
S15 3	24	S152 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/01 11:50

S15 4	3	parsing and ((channel adj estimat\$3) or (impulse adj response) or (estimat\$3 with (channel adj characteristic\$1))) with feedback	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/01 12:29
S15 5	0	parsing with ((channel adj estimat\$3) or (impulse adj response) or (estimat\$3 with (channel adj characteristic\$1))) with feedback	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/01 12:29
S15 6	6	(parsing or segment\$3) with ((channel adj estimat\$3) or (impulse adj response) or (estimat\$3 with (channel adj characteristic\$1))) with feedback	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/01 12:31
S15 7	411	(slot) with ((channel adj estimat\$3) or (impulse adj response) or (estimat\$3 with (channel adj characteristic\$1)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/01 12:33
S15 8	131	S157 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/01 12:33
S15 9	0	S158 and spsce adj2 time	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/01 12:32
S16 0	9	S158 and space adj2 time	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/01 12:33
S16 1	1302	(slot\$1 or frame\$1) with ((channel adj estimat\$3) or (impulse adj response) or (estimat\$3 with (channel adj characteristic\$1)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/01 12:33
S16 2	522	S161 and (@ad<="20000602" or @pd<="20000602")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/01 12:33
S16 3	20	S162 and space adj2 time	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/01 12:33
S16 4	2	("5787122" "6366568").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/01 12:36
S16 5	5	("5940432" "6141536" "6333926" "6356605" "6408039").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/01 12:40